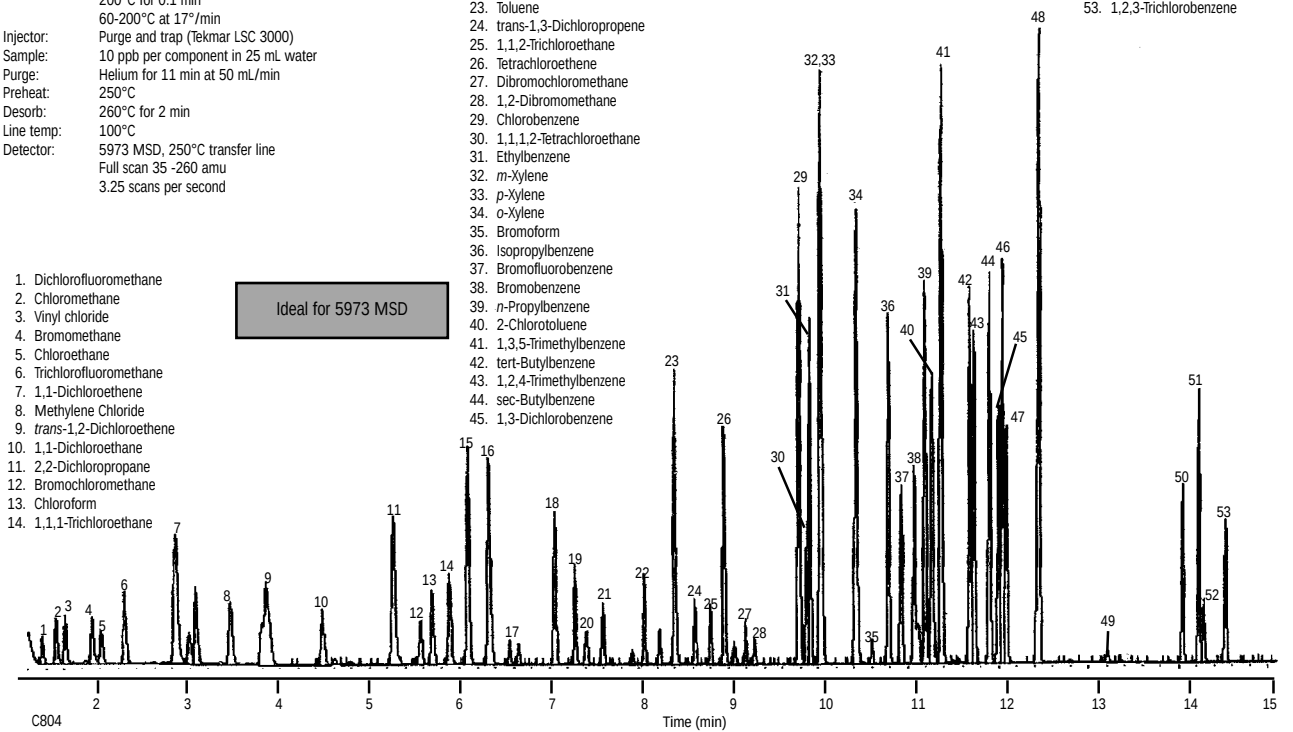
Fast VOA Analysis

Columns: DB-624
20 m x 0.18 mm id, 1.0 µm

P/N:	**121-1324**
Carrier:	Helium at 37 cm/sec, (constant flow mode)
Oven:	35°C for 4 min 35-200°C at 15°/min 200°C for 0.1 min 60-200°C at 17°/min
Injector:	Purge and trap (Tekmar LSC 3000)
Sample:	10 ppb per component in 25 mL water
Purge:	Helium for 11 min at 50 mL/min
Preheat:	250°C
Desorb:	260°C for 2 min
Line temp:	100°C
Detector:	5973 MSD, 250°C transfer line Full scan 35 -260 amu 3.25 scans per second

1. Dichlorofluoromethane
2. Chloromethane
3. Vinyl chloride
4. Bromomethane
5. Chloroethane
6. Trichlorofluoromethane
7. 1,1-Dichloroethene
8. Methylene Chloride
9. *trans*-1,2-Dichloroethene
10. 1,1-Dichloroethane
11. 2,2-Dichloropropane
12. Bromochloromethane
13. Chloroform
14. 1,1,1-Trichloroethane
15. Carbon tetrachloride
16. Benzene
17. Fluorobenzene
18. Trichloroethene
19. 1,2-Dichloropropane
20. Dibromomethane
21. Bromodichloromethane
22. *cis*-1,3-Dichloropropene
23. Toluene
24. trans-1,3-Dichloropropene
25. 1,1,2-Trichloroethane
26. Tetrachloroethene
27. Dibromochloromethane
28. 1,2-Dibromomethane
29. Chlorobenzene
30. 1,1,1,2-Tetrachloroethane
31. Ethylbenzene
32. *m*-Xylene
33. *p*-Xylene
34. *o*-Xylene
35. Bromoform
36. Isopropylbenzene
37. Bromofluorobenzene
38. Bromobenzene
39. *n*-Propylbenzene
40. 2-Chlorotoluene
41. 1,3,5-Trimethylbenzene
42. tert-Butylbenzene
43. 1,2,4-Trimethylbenzene
44. sec-Butylbenzene
45. 1,3-Dichlorobenzene
46. 4-Isopropyltoluene
47. 1,4-Dichlorobenzene
48. 1,2-Dichlorobenzene
49. 1,2-Dibromo-3-Chloropropane
50. 1,2,4-Trichlorobenzene
51. Hexachlorobutadiene
52. Napthalene
53. 1,2,3-Trichlorobenzene

Ideal for 5973 MSD



C804